

Claim Support Chart
U.S. Patent Application Serial No. 10/699,175

Independent Claim 362		Exemplary Support
An interbody fusion spacer for engagement within an intervertebral space between adjacent vertebrae, comprising: a spacer body formed of bone and defining a spacer height, a spacer width and a spacer length extending along a longitudinal axis,		Pg. 9, ll. 14 and 29-30
		Pg. 9, ll. 15-17; pg. 11, ll. 29-30; pg. 14, ll. 15-16; pg. 29, ll. 11-18; Figs. 4, 12 and 35.
	said spacer body including an insertion end and an opposite tool engagement end each arranged along said longitudinal axis, said insertion end and said opposite tool engagement end each comprising a flattened end surface,	Pg. 9, ll. 30-31; pg. 12, ll. 10-12; pg. 29, ll. 16-18; Figs. 6, 10, 35 and 36
	said spacer body including upper and lower vertebral engaging surfaces that are flattened from said insertion end to said tool engagement end to define said spacer height,	Pg. 14, ll. 13-19
	said vertebral engaging surfaces including surface features defined along said spacer length and extending across said spacer width, said surface features structured to facilitate engagement with the adjacent vertebrae to inhibit movement of said spacer body within the intervertebral space,	Pg. 12, ll. 25-30; pg. 13, ll. 10-20; Figs. 6, 10 and 35
said spacer body defining a chamber extending therethrough and opening onto said vertebral engaging surfaces.		Pg. 9, l. 29 to pg. 10, l. 2; Figs. 6, 10, 35 and 36
Independent Claim 385		Exemplary Support
An interbody fusion spacer for engagement within an intervertebral space between adjacent vertebrae, comprising: a spacer body formed of bone and defining a spacer height, a spacer width and a spacer length extending along a longitudinal axis,		Pg. 9, ll. 14 and 29-30
		Pg. 9, ll. 15-17; pg. 11, ll. 29-30; pg. 14, ll. 15-16; pg. 29, ll. 11-18; Figs. 4, 12 and 35
	said spacer body including an insertion end and an opposite tool engagement end each arranged along said longitudinal axis,	Pg. 9, ll. 30-31; Figs. 4, 10, 12 and 35
	said tool engagement end including a slotted groove extending across said spacer width,	Pg. 12, ll. 13-17; pg. 29, ll. 22-23; Figs. 4, 12, 36 and 37
	said insertion end being chamfered to facilitate insertion of said spacer body into the space between the adjacent vertebrae,	Pg. 20, ll. 25-29; Figs. 4, 6, 10, 12 and 35
said spacer body including upper and lower vertebral engaging surfaces that are flattened from said insertion end to said tool engagement end to define said spacer height,		Pg. 14, ll. 13-19
said vertebral engaging surfaces including surface features defined along said spacer length and extending across said spacer width, said surface features structured to facilitate engagement with the adjacent vertebrae to inhibit movement of said spacer body within the intervertebral space,		Pg. 12, ll. 25-30; pg. 13, ll. 10-20; Figs. 6, 10 and 35
said spacer body defining a chamber extending therethrough and opening onto said vertebral engaging surfaces.		Pg. 9, l. 29 to pg. 10, l. 2; Figs. 6, 10, 35 and 36

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Independent Claim 405		Exemplary Support
An interbody fusion spacer for engagement within an intervertebral space between adjacent vertebrae, comprising: a spacer body formed of bone and defining a spacer height, a spacer width and a spacer length extending along a longitudinal axis,		Pg. 9, ll. 14 and 29-30
		Pg. 9, ll. 15-17; pg. 11, ll. 29-30;
		pg. 14, ll. 15-16; pg. 29, ll. 11-18;
		Figs. 4, 12 and 35.
	said spacer body including an insertion end and an opposite tool engagement end each arranged along said longitudinal axis,	Pg. 9, ll. 30-31; pg. 12, ll. 10-12; pg. 29, ll. 16-18; Figs. 6, 10, 35 and 36
said spacer body including upper and lower vertebral engaging surfaces that are flattened from said insertion end to said tool engagement end to define said spacer height,		Pg. 14, ll. 13-19
	said vertebral engaging surfaces including surface features defined along said spacer length and extending across said spacer width, said surface features structured to facilitate engagement with the adjacent vertebrae to inhibit movement of said spacer body within the intervertebral space,	Pg. 12, ll. 25-30; pg. 13, ll. 10-20; Figs. 6, 10 and 35
	said surface features comprising teeth including a flat crest surface extending between a leading flank surface and an opposite trailing flank surface	Pg. 12, l. 25 to pg. 13, l. 4; Figs. 6, 10, 14, 15, 35 and 38
	said spacer body defining a chamber extending therethrough and opening onto said vertebral engaging surfaces.	Pg. 9, l. 29 to pg. 10, l. 2; Figs. 6, 10, 35 and 36
Dependent Claims 363-369, 386-392 and 406-409		Exemplary Support
wherein said surface features comprise teeth.		Pg. 13, ll. 1-4; Figs. 6, 10, 14, 15, 35 and 38
	wherein said teeth extend across said spacer width.	Pg. 12, ll. 30-31; Figs. 6, 10, 14 and 35
	wherein said teeth include a flat crest surface extending between a leading flank surface and a trailing flank surface.	Pg. 13, ll. 1-4; Figs. 6, 10, 14, 15, 35 and 38
	wherein said teeth are uniformly machined into said spacer body.	Pg. 13, ll. 1-4; Figs. 6, 10, 14, 15, 35 and 38
	wherein said chamber interrupts at least some of said teeth extending across said spacer width.	Figs. 6, 10, 14 and 35
wherein said surface features comprise a plurality of grooves inscribed into said spacer body.		Pg. 12, ll. 28-29; Fig. 13
	wherein said plurality of grooves extends across said spacer width.	Pg. 12, ll. 28-29; Fig. 13
Dependent Claims 370, 371, 394, 411 and 412		Exemplary Support
wherein said insertion end is chamfered to facilitate insertion of said spacer body into the intervertebral space.		Pg. 20, ll. 25-29; Figs. 4, 6, 10, 12 and 35
	wherein said spacer body includes a chamfered edge extending from said insertion end and tapering to said spacer width to facilitate insertion of said spacer body into the intervertebral space.	Pg. 20, ll. 25-29; Figs. 4, 6, 10, 12 and 35

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Dependent Claims 372, 395 and 413		Exemplary Support
wherein said spacer body includes a pair of facing and opposing arms forming an open channel therebetween to provide said spacer body with a C-shape.		Pg. 10, ll. 11-15; Figs. 4, 6, 10, 12 and 35
Dependent Claims 373-376, 396-398 and 414-417		Exemplary Support
wherein said tool engagement end includes a slotted groove extending across said spacer width.		Pg. 12, ll. 13-24; pg. 29, ll. 22-23; Figs. 4, 12, 36 and 37
wherein said slotted groove extends entirely across said spacer width.		Pg. 12, ll. 13-24; pg. 29, ll. 22-23; Figs. 4, 12, 36 and 37
wherein said slotted groove extends to a flattened side surface of said spacer body.		Pg. 12, ll. 13-24; pg. 29, ll. 22-23; Figs. 4, 12, 36 and 37
wherein said slotted groove includes flat side surfaces.		Pg. 12, ll. 13-17; pg. 29, ll. 22-23; Figs. 4, 12 and 37
Dependent Claims 377-379, 399-401 and 418-420		Exemplary Support
further comprising an osteogenic material positioned within said chamber to facilitate fusion with the adjacent vertebrae.		Pg. 14, ll. 26-31
wherein said osteogenic material comprises a bone morphogenic protein.		Pg. 15, ll. 1-31
wherein said osteogenic material comprises bone graft.		Pg. 16, ll. 1-20
Dependent Claims 380-382, 402 and 421-423		Exemplary Support
wherein said spacer body is formed of allograft bone.		Pg. 9, ll. 14-17
wherein said spacer body is formed of cortical bone.		Pg. 12, ll. 5-6
wherein said spacer body is formed from the diaphysis of a long bone having an intramedullary canal, said chamber define by at least a portion of the intramedullary canal.		Pg. 9, ll. 21-28; pg. 19, ll. 25-29
Dependent Claims 383, 384, 403, 404, 424 and 425		Exemplary Support
wherein said chamber is circular.		Pg. 14, ll. 1-5; Figs. 4, 6, 10, 12 and 35
wherein said chamber is defined along a second axis substantially perpendicular to said longitudinal axis.		Pg. 11, l. 30 to pg. 12, l. 3; Fig. 12
Dependent Claims 393 and 410		Exemplary Support
wherein said insertion end and said opposite tool engagement end each comprising a flattened end surface,		Pg. 9, ll. 30-31; pg. 12, ll. 10-12; pg. 29, ll. 16-18 ; Figs. 6, 10, 35 and 36